

AMENDMENT
August 21, 2006

TUC920030096US1
Serial No. 10/690,883

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A computer-readable medium having stored thereon a data structure for data presented in tabular lists in a web based management interface, said data structure comprising:

 a page pointer table including link entries for each of a plurality of web pages selectable for display;

 one or more repeatable data structures, each of said repeatable data structures being linked to one of said plurality of web pages; and

 one or more page maps, each of said repeatable data structures having a corresponding page map, each said corresponding page map pointing to one or more corresponding tabular lists in a corresponding repeatable data structure.

2. (currently amended) The [[A]] computer-readable medium as in claim 1, wherein said page pointer table includes at least one null entry for a web page that does not include any said repeatable data structure.

3. (currently amended) The [[A]] computer-readable medium as in claim 1, wherein said page pointer table includes a link to each of said one or more page maps.

4. (currently amended) The [[A]] computer-readable medium as in claim 3, wherein said page pointer table indicates the length of each of said one or more page maps.

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5. (currently amended) The ~~[[A]]~~ computer-readable medium as in claim 4, wherein at least one said corresponding page map includes a plurality of entries, each of said plurality of entries pointing to a corresponding one of said corresponding tabular lists.

6. (currently amended) The ~~[[A]]~~ computer-readable medium as in claim 5, wherein each entry in said plurality of entries includes an offset from a first listed data element and a plurality of listed data elements in said corresponding one.

7. (currently amended) The ~~[[A]]~~ computer-readable medium as in claim 5, wherein said page pointer table is included in executable modules generating selected web pages for display from said plurality of web pages and adding web pages to said plurality of web pages increases the size of each of said executable modules only by the length of the corresponding said page pointer entry for each said added page.

8. (original) A collaborative design system for designing web-based management interfaces with design functions distributed amongst a number of design groups, each said web-based management interface providing selection amongst a plurality of web pages selectable for display, said system comprising:

- a data generation module generating variable data for display;

- a collection of hypertext mark up language (HTML) template files, ones of said HTML template files including placeholders in markup text for dynamic input data;

- a page generation module selectively providing HTML documents from said HTML template files, said page generation module combining said variable data with said placeholders in selected said ones; and

- each of said data generation module and said page generation module including a page pointer table with a single entry for each of said HTML template files, each said single entry for each of said ones pointing to a corresponding repeatable data structure and a page map for tabular data lists in said corresponding repeatable data structure, said tabular data lists being displayed as a table on a generated said HTML document.

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9. (currently amended) The [[A]] collaborative design system as in claim 8, wherein adding HTML template files increases the size of each of said data generation module and said page generation module only by the length of a corresponding said single entry for each said added HTML template file.

10. (currently amended) The [[A]] collaborative design system as in claim 8, wherein each said single entry further includes a number indicating the length of said page map.

11. (currently amended) The [[A]] collaborative design system as in claim 8, wherein at least one said page map includes a plurality of entries, each of said plurality of entries pointing to a corresponding one of said tabular data lists.

12. (currently amended) The [[A]] collaborative design system as in claim 11, wherein each entry in said plurality of entries includes an offset from a first listed data element and a number of listed data elements in said corresponding one.

13. (currently amended) The [[A]] collaborative design system as in claim 8, wherein design responsibility for each of said data generation module, said page generation module and said HTML template files is assignable to a different design group.

14. (original) A system having a web-based management interface providing selection amongst a plurality of web pages selectable for display, said web-based management interface comprising:

- a data generation module generating variable data for display;
- a hypertext mark up language (HTML) template file collection, ones of said HTML template files including placeholders in markup text for dynamic input data;
- a page generation module selectively providing HTML documents from said HTML template files, said page generation module combining said variable data with said placeholders in selected said ones; and

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each of said data generation module and said page generation module including a page pointer table with a single entry for each of said HTML template files, each said single entry for each of said ones pointing to a corresponding repeatable data structure and a page map for tabular data lists in said corresponding repeatable data structure, said tabular data lists being displayed as a table on a generated said HTML document.

15. (currently amended) The [[A]] system as in claim 14, wherein each said single entry further includes a number indicating the length of said page map.

16. (currently amended) The [[A]] system as in claim 15, wherein at least one said page map includes a plurality of entries, each of said plurality of entries pointing to a corresponding one of said tabular data lists and each of said plurality of entries includes an offset from a first listed data element and a number of listed data elements in said corresponding one.

17. (original) A program product for managing a system, said computer program product comprising a computer usable medium having computer readable program code thereon, said computer readable program code comprising:

computer readable program code means for generating variable data for display and storing generated said variable data according to a page pointer table, said page pointer table having a single entry for each of a plurality of hypertext mark up language (HTML) files, each said single entry pointing to a corresponding repeatable data structure and a page map for tabular data lists in said corresponding repeatable data structure, said tabular data lists listing said generated data;

computer readable program code means for defining said plurality of HTML files;
and

computer readable program code means for selectively generating HTML documents from defined said HTML files and stored said variable data.

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18. (currently amended) The [[A]] program product as in claim 17, wherein each said single entry further indicates the length of said page map.

19. (currently amended) The [[A]] program product as in claim 18, wherein each entry in each said page map includes an offset pointing to a corresponding one of said tabular data lists and a number of listed data elements in said corresponding one.